

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No: To Be Assigned  
Applicant: Aaron Bond et al.  
Filed: Herewith  
Title: UNCOOLED AND HIGH TEMPERATURE LONG REACH TRANSMITTERS, AND  
HIGH POWER SHORT REACH TRANSMITTERS  
TC/A.U.: To Be Assigned  
Examiner: To Be Assigned  
Attorney Docket: TNT-116US

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (RP) submitted herewith. A copy of each of the listed references is also enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

This Information Disclosure Statement is being filed concurrently with the above-referenced application.

Respectfully submitted,



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Attorney(s) for Applicant(s)

LLC/tmb

Enclosures: PTO Form 1449  
(5) References

Dated: December 19, 2003

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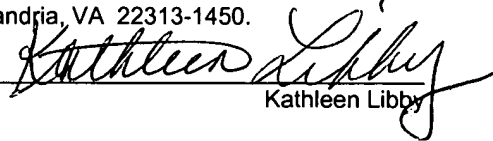
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**C mplete if Known**

Application Number To Be Assigned

Filing Date Herewith

First Named Inventor Aaron Bond et al.

Art Unit To Be Assigned

Examiner Name To Be Assigned

SHEET 1 of 1

Attorney Docket No. TNT-116US

## NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published                       | T <sup>2</sup>           |
|--------------------|-----------------------|--|--------------------------|
|                    | 1.                    | J. ZHANG ET AL., Laser Integrated Modulator Module for Uncooled, 10 Gbit/s 1550 nm Long-reach Data Transmission, Electronics Letters, Vol. 39, No. 25, December 11, 2003.  | <input type="checkbox"/> |
|                    | 2.                    | MILIND R. GOKHALE ET AL., Uncooled, 10Gb/s 1310 nm Electroabsorption Modulated Laser, Post-deadline Paper (PD-42), OFC, 2003.  | <input type="checkbox"/> |
|                    | 3.                    | W. CHOI ET AL., Full C-Band Tunable High Fibre Output Power Electroabsorption Modulator Integrated with Semiconductor Optical Amplifier, Electronics Letters, Vol. 39, No. 17, August 21, 2003, pp. 1271-1272.   | <input type="checkbox"/> |
|                    | 4.                    | WON-JIN CHOI ET AL., Low Insertion Loss and Low Dispersion Penalty InGaAsP Quantum-Well High-Speed Electroabsorption Modulator for 40-Gb/s Very-Short-Reach, Long-Reach, and Long-Haul Applications, Journal of Lightwave Technology, Vol. 20, No. 12, December 2002, pp. 2052-2056. | <input type="checkbox"/> |
|                    | 5.                    | D.S. SHIN ET AL., 10 Gbit/s Transmission Over 50 km Nonzero Dispersion-Shifted Fibre Using 1.3 $\mu$ m Directly Modulated Uncooled Transmitters, Electronics Letters, Vol. 38, No. 16, August 1, 2002, pp. 864-865.  | <input type="checkbox"/> |
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| Examiner Signature |                       |  | Date Considered          |

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<sup>1</sup>Applicant's unique citation designation number (optional).

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